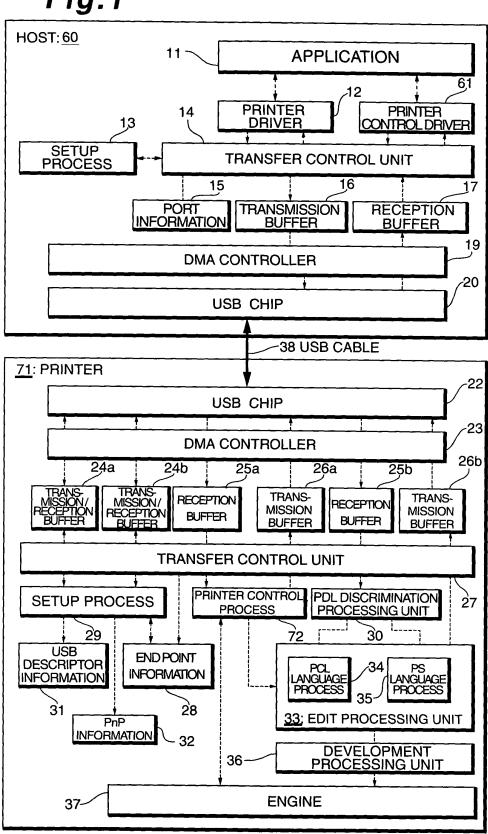
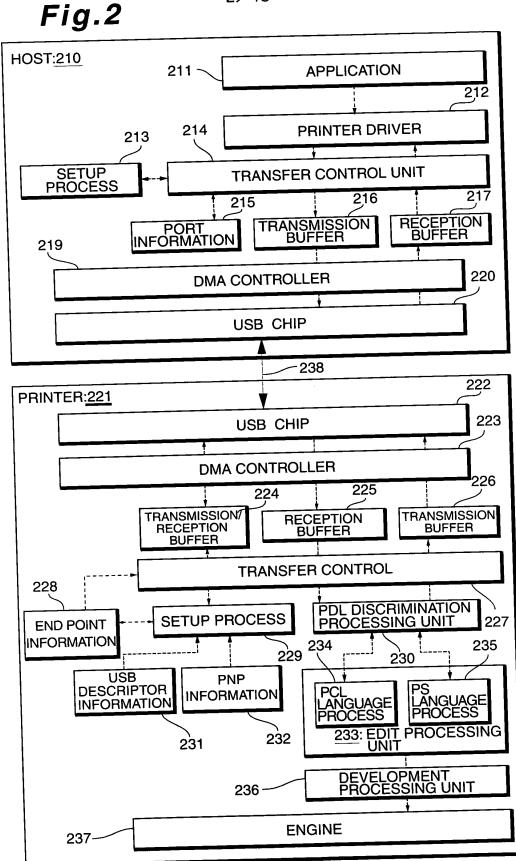
Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

1/48 Fig.1

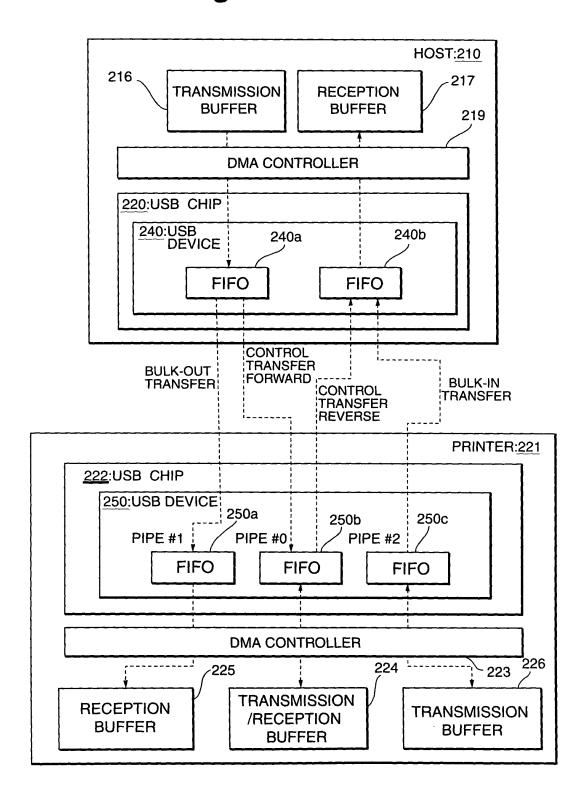


Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)



Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

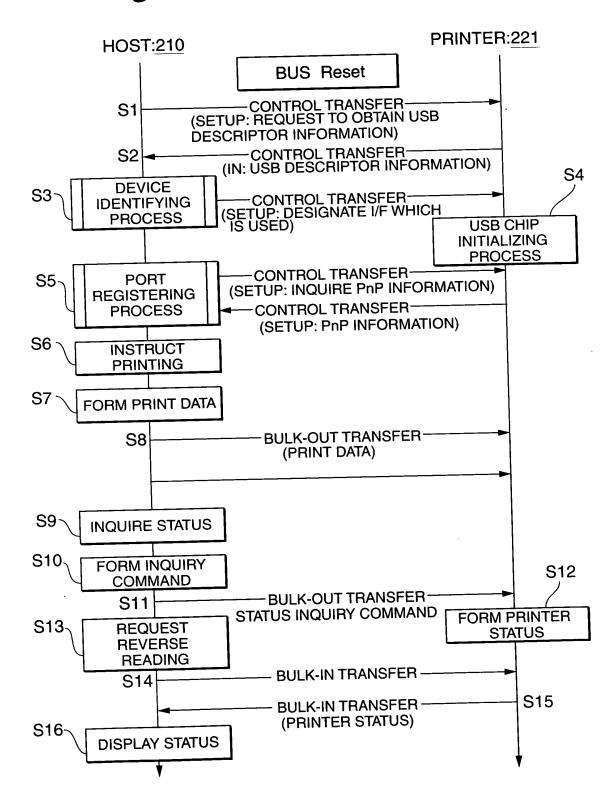
Fig.3



Inventor: Yukihiro SAIDA Express Mail No.: EV 247366282 Customer No.: 570

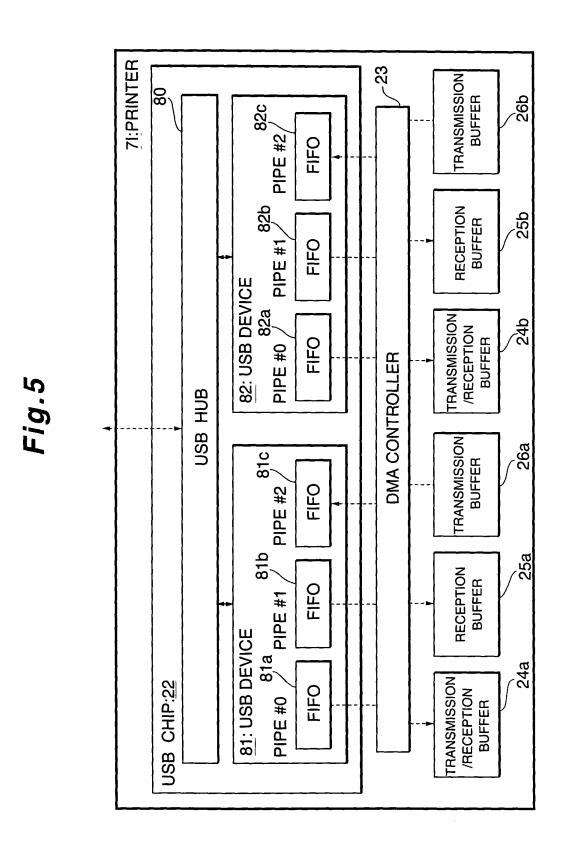
4/48

Fig.4



Title: Image Forming System and Image Forming Apparatus Inventor: Yukihiro SAIDA
Express Mail No.: EV 247366282 Customer No.: 570
Atty. Docket No.: 9976-19US (OB0045US)

5/48

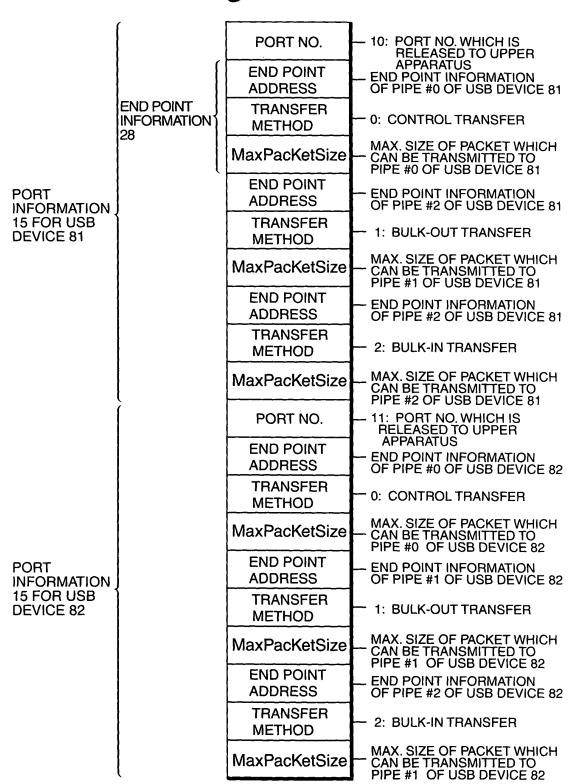


Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

6/48

Fig.6



Express Mail No.: EV 247366282 Customer No.: 570

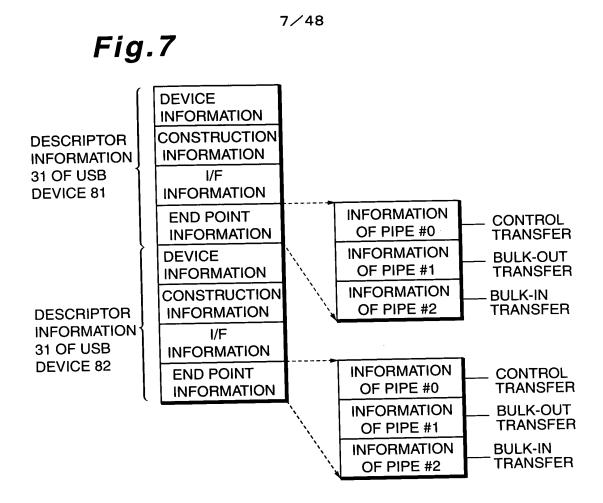
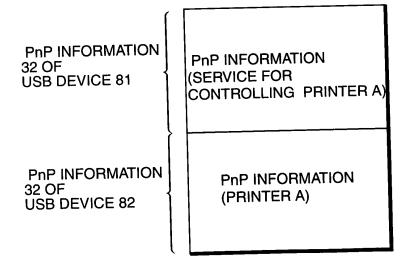


Fig.8



Title: Image Forming System and Image Forming Apparatus Inventor: Yukihiro SAIDA Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

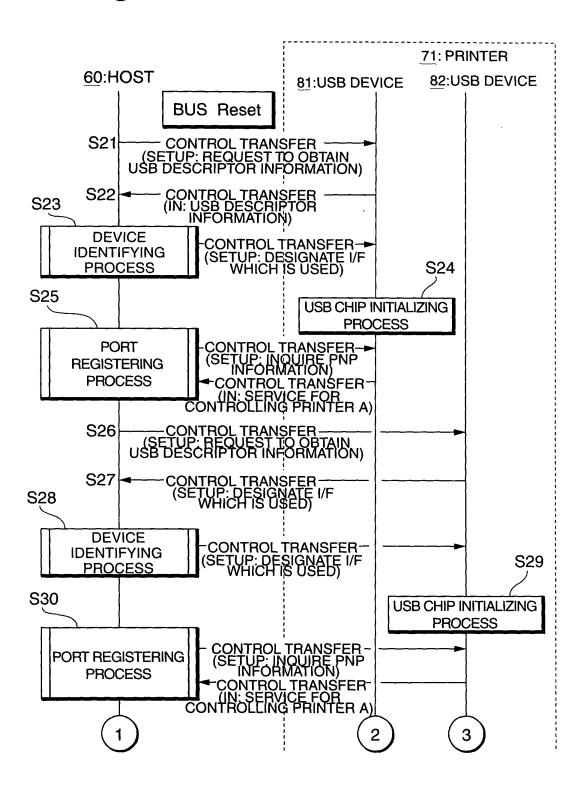
8/48

Fig.9

	rig.s		
		PIPE INFORMATION	INFORMATION OF PIPE #0 OF USB DEVICE 81MAX. SIZE OF PACKET WHICH CAN
PORT INFORMATION 15 FOR USB DEVICE 81	END POINT INFORMATION 28	MaxPacKetSize	BE TRANSMITTED/RECEIVED BY PIPE #0 OF USB DEVICE 81 RECEIVING FUNCTION FOR SETUP
		Call Back Function	PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #0 OF USB DEVICE 81
		PIPE INFORMATION	L INFORMATION OF PIPE #1 OF USB DEVICE 81 MAX. SIZE OF PACKET WHICH CAN BE
		MaxPacKetSize	RECEIVED BY PIPE #1 OF USB DEVICE 81 RECEIVING FUNCTION FOR PRINTER
		Call Back Function	CONTROL PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #1 OF USB DEVICE 81
		PIPE INFORMATION	INFORMATION OF PIPE #2 OF USB DEVICE 81 _ MAX. SIZE OF PACKET WHICH CAN BE
		MaxPacKetSize	TRANSMITTED BY PIPE #2 OF USB DEVICE 81 TRANSMITTING FUNCTION FOR
		Call Back Function	PRINTER CONTROL PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #2 OF USB DEVICE 81
PORT INFORMATION 15 FOR USB DEVICE 82		PIPE INFORMATION	INFORMATION OF PIPE #0 OF USB DEVICE 82
		MaxPacKetSize	MAX. SIZE OF PACKET WHICH CAN BE TRANSMITTED/RECEIVED BY PIPE #0 OF USB DEVICE 82 RECEIVING FUNCTION FOR SETUP
		Call Back Function	PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #0 OF USB DEVICE 82
		PIPE INFORMATION	INFORMATION OF PIPE #1 OF USB DEVICE 82 MAX. SIZE OF PACKET WHICH CAN BE
		MaxPacKetSize	RECEIVED BY PIPE #1 OF USB DEVICE 82 RECEIVING FUNCTION FOR PDL
		Call Back Function	DISCRIMINATING PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #1 OF USB DEVICE 82
		PIPE INFORMATION	— INFORMATION OF PIPE #2 OF USB DEVICE 82
		MaxPacKetSize	_ MAX. SIZE OF PACKET WHICH CAN BE TRANSMITTED BY PIPE #2 OF USB DEVICE 82
		Call Back Function	TRANSMITTING FUNCTION FOR PDL DISCRIMINATING PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #2 OF USB DEVICE 82

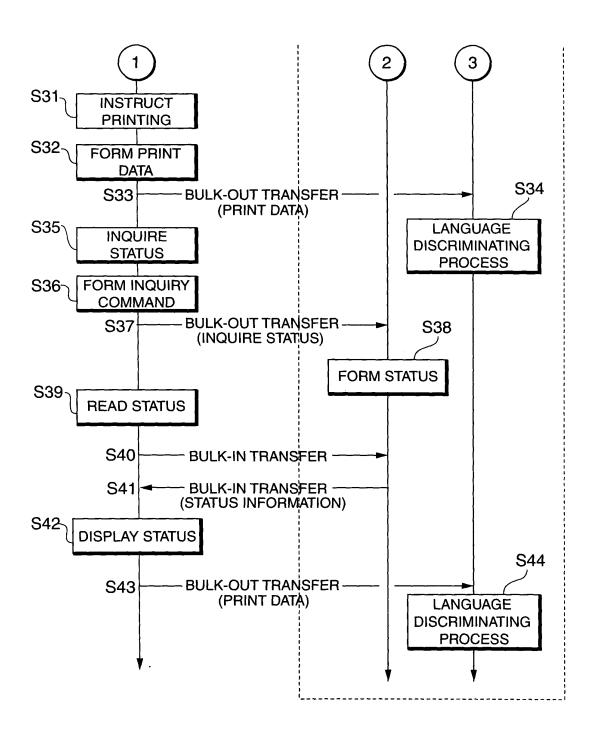
Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

Fig.10

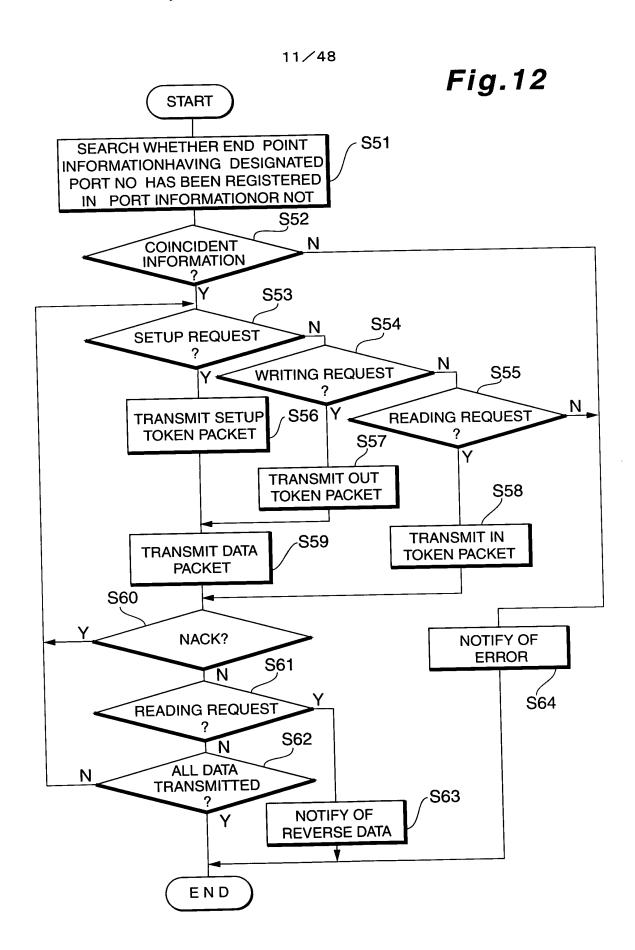


Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

Fig.11

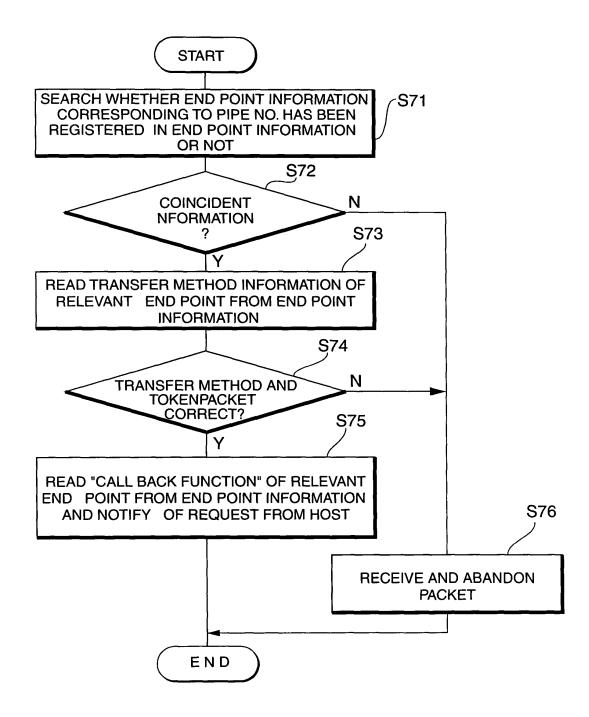


Express Mail No.: EV 247366282 Customer No.: 570



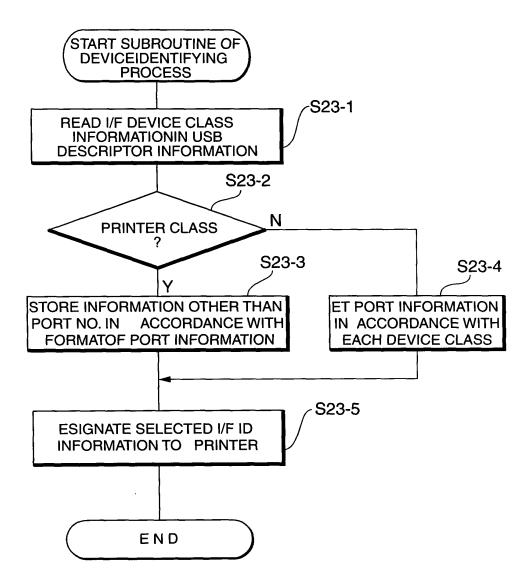
Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

Fig.13



Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

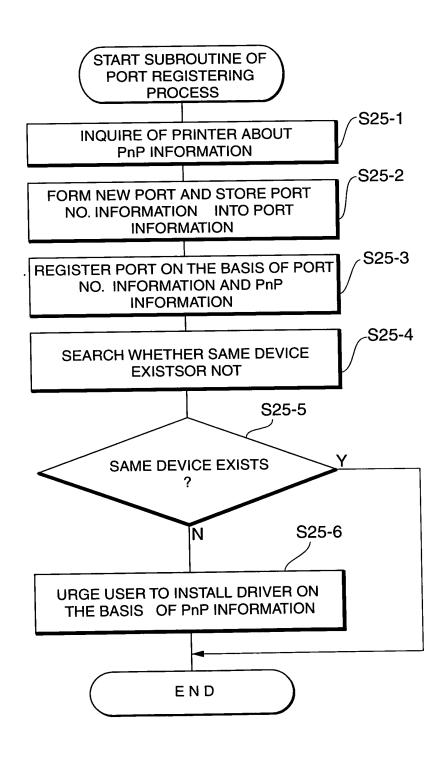
Fig.14



Inventor: Yukihiro SAIDA

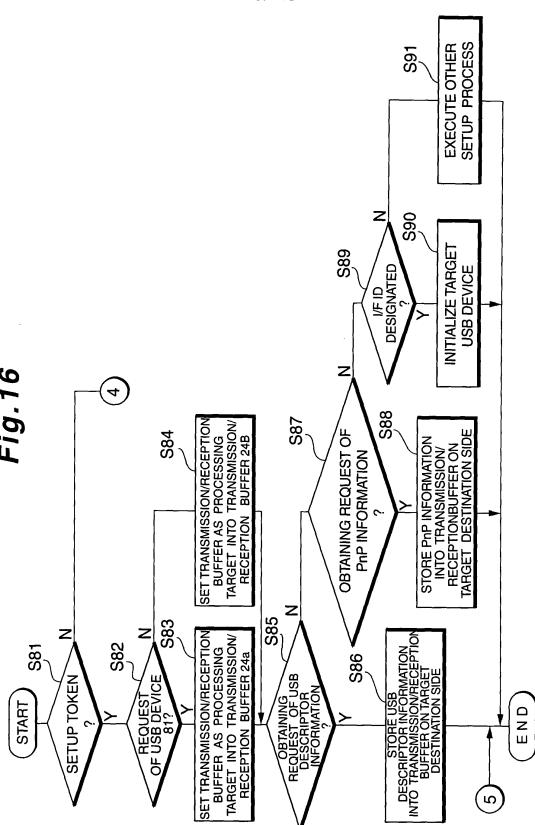
Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

Fig. 15



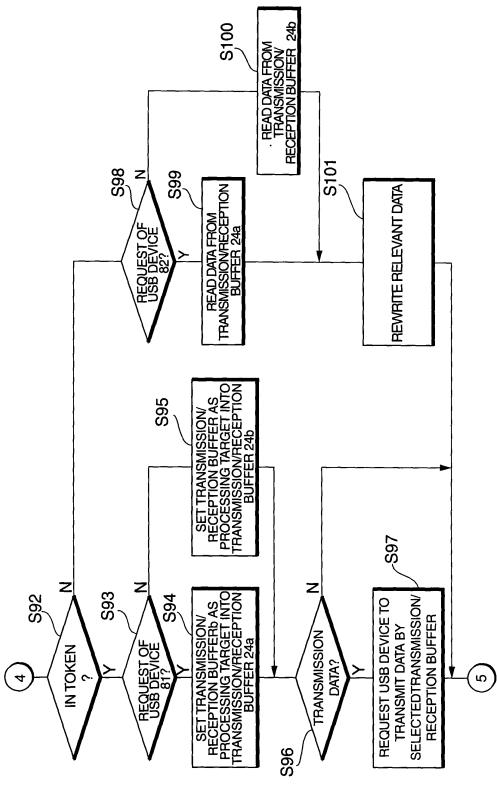
Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)





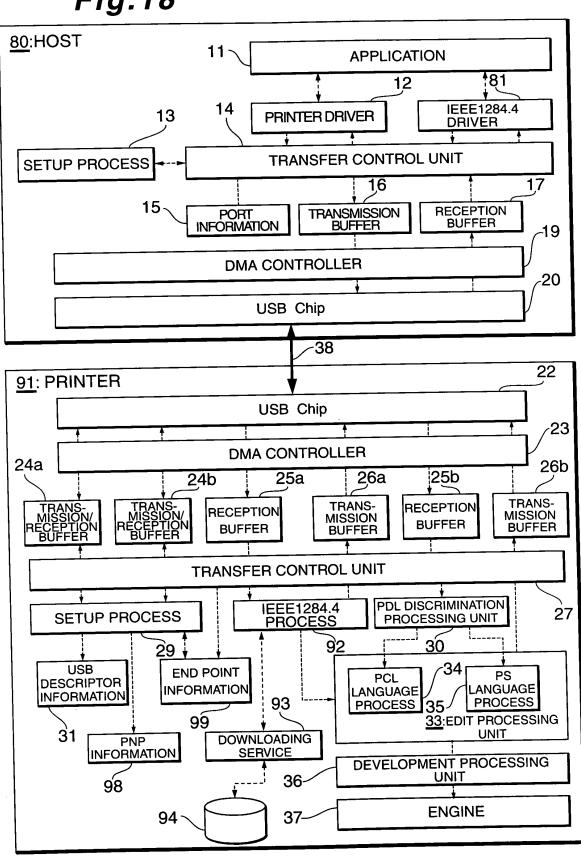
Express Mail No.: EV 247366282 Customer No.: 570





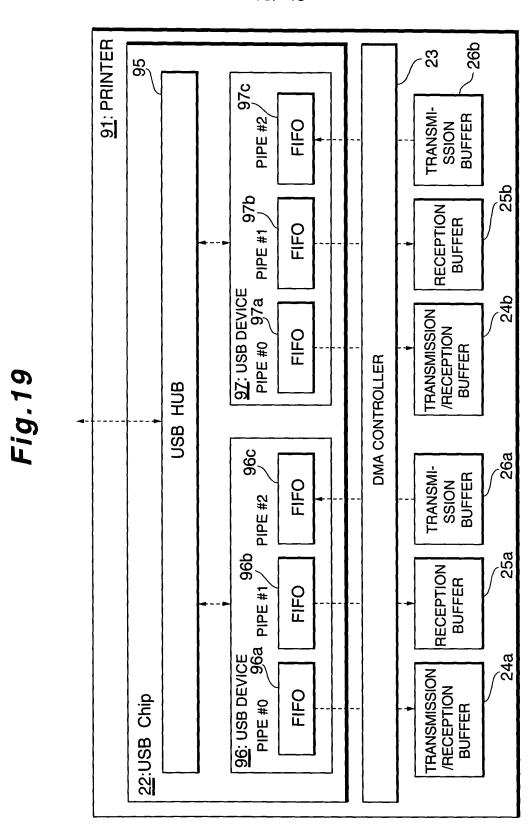
Express Mail No.: EV 247366282 Customer No.: 570

17/48 Fig.18



Title: Image Forming System and Image Forming Apparatus Inventor: Yukihiro SAIDA
Express Mail No.: EV 247366282 Customer No.: 570
Atty. Docket No.: 9976-19US (OB0045US)

18/48



Title: Image Forming System and Image Forming Apparatus Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570

Atty. Docket No.: 9976-19US (OB0045US)

19/48

Fig.20

PnP INFORMATION 98 OF USB DEVICE 96

PnP INFORMATION (PRINTER CORRESPONDING TO 1284.4 PROTOCOL)

PnP INFORMATION 98 OF USB DEVICE 97

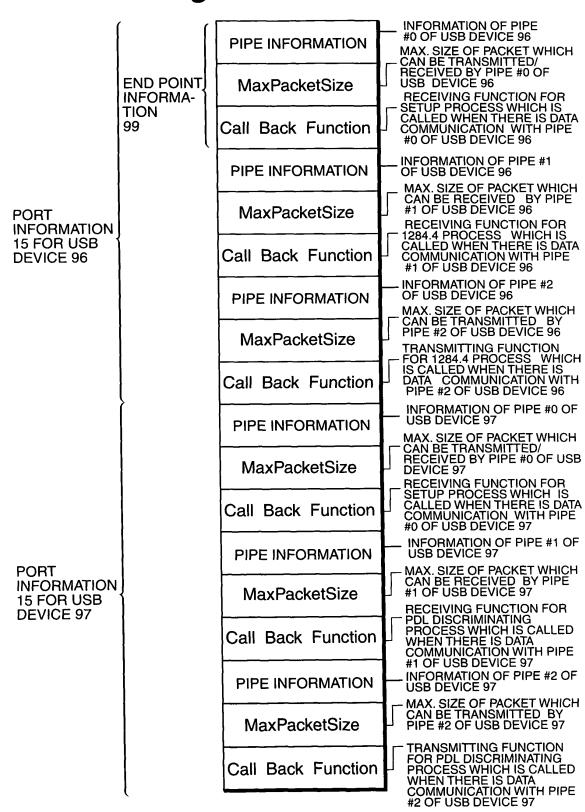
PnP INFORMATION (NORMAL PRINTER)

Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

20/48

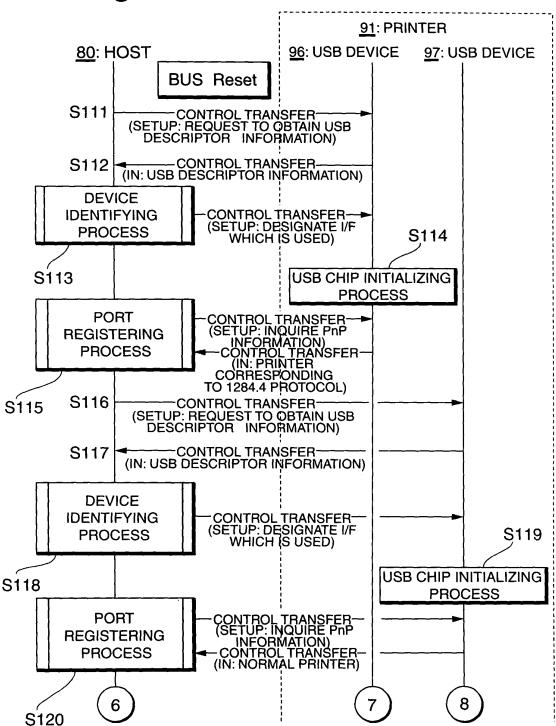
Fig.21



Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

21/48

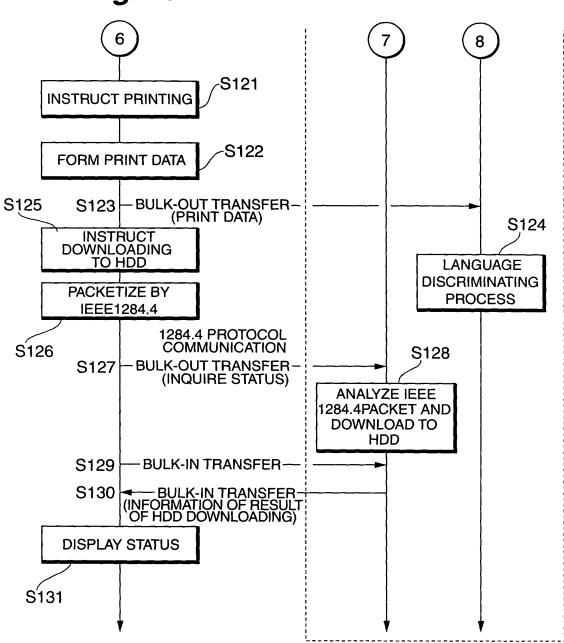
Fig.22



Express Mail No.: EV 247366282 Customer No.: 570

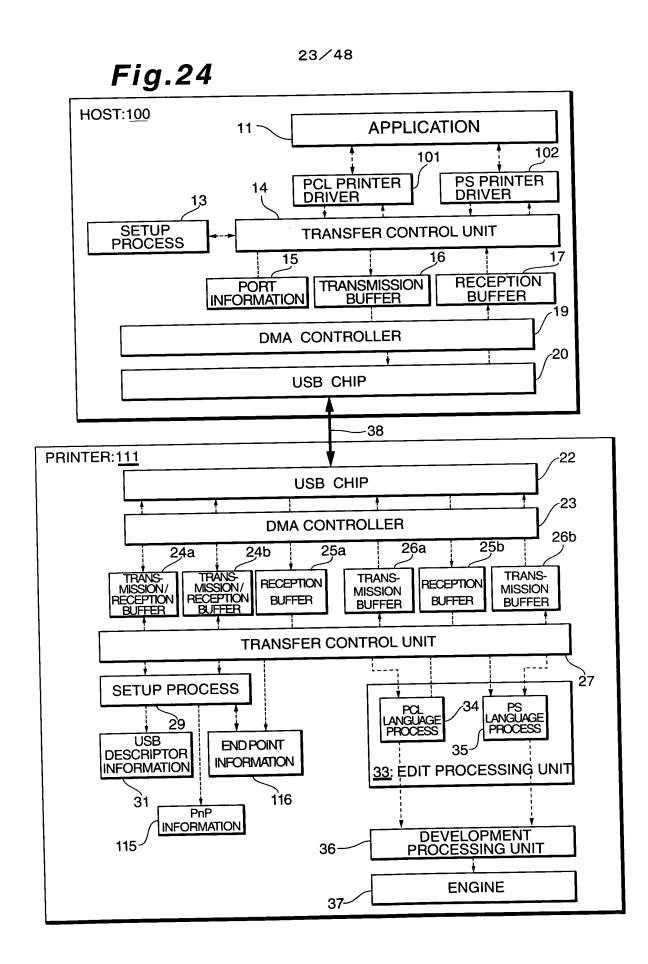
22/48



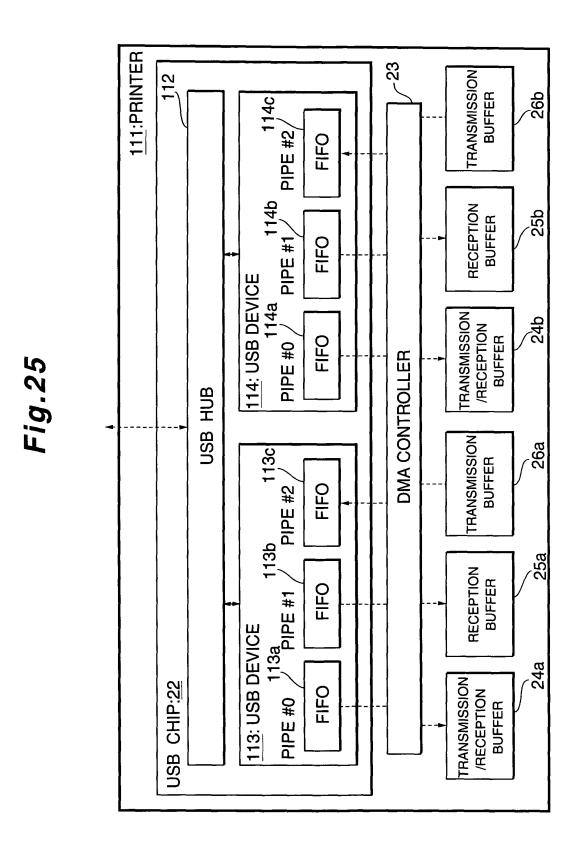


Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570



24/48



Title: Image Forming System and Image Forming Apparatus Inventor: Yukihiro SAIDA
Express Mail No.: EV 247366282 Customer No.: 570
Atty. Docket No.: 9976-19US (OB0045US)

25/48

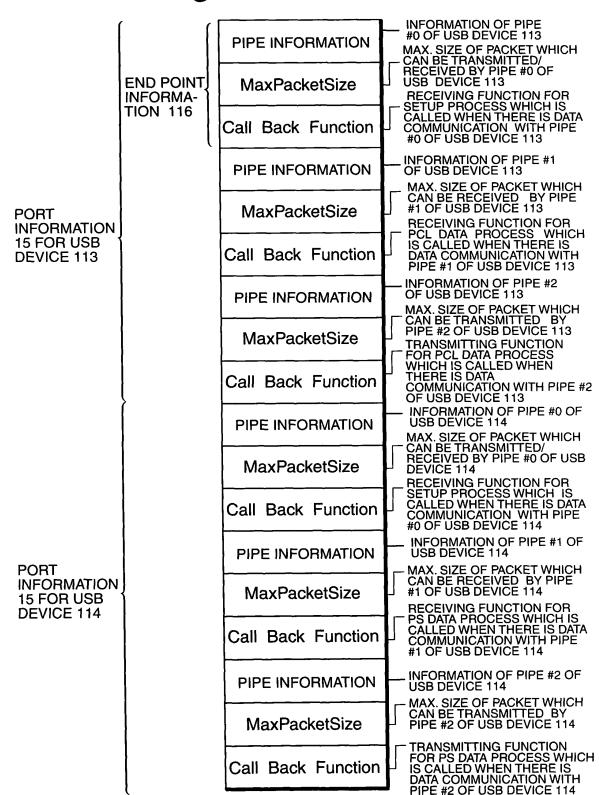
Fig.26

PnP INFORMATION (PCL PRINTER) PnP INFORMATION 115 OF USB DEVICE 113 PnP INFORMATION (PS PRINTER) PnP INFORMATION 115 OF USB DEVICE 114

Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

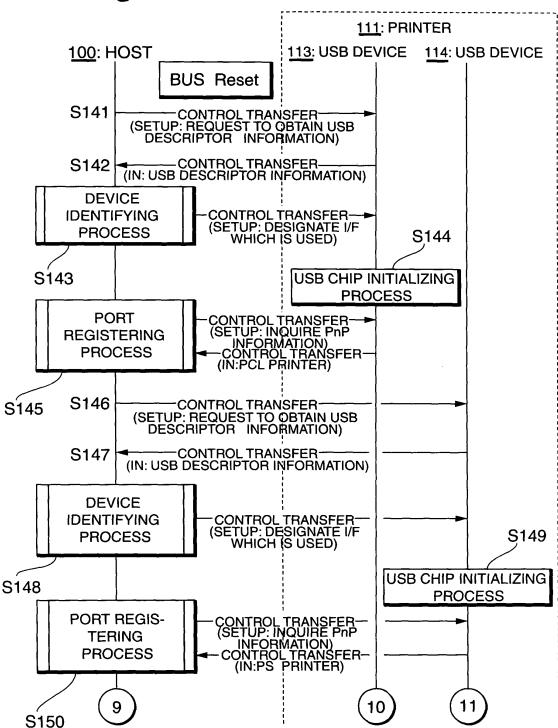
26/48

Fig.27



27/48

Fig.28

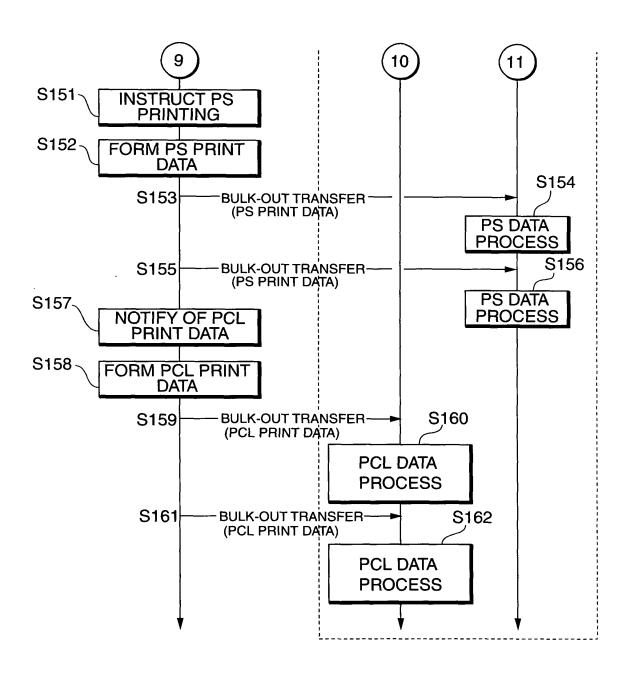


Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570

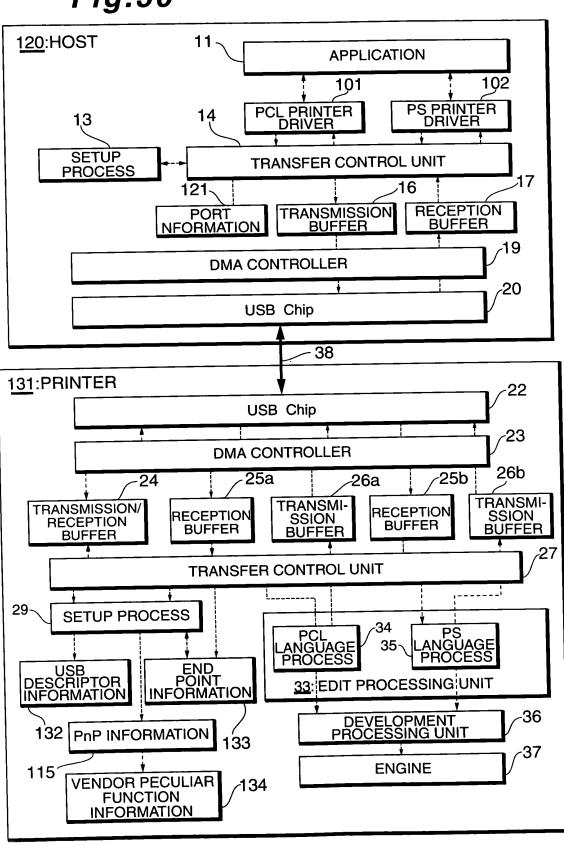
28/48

Fig.29



Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

Fig.30



Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

30/48

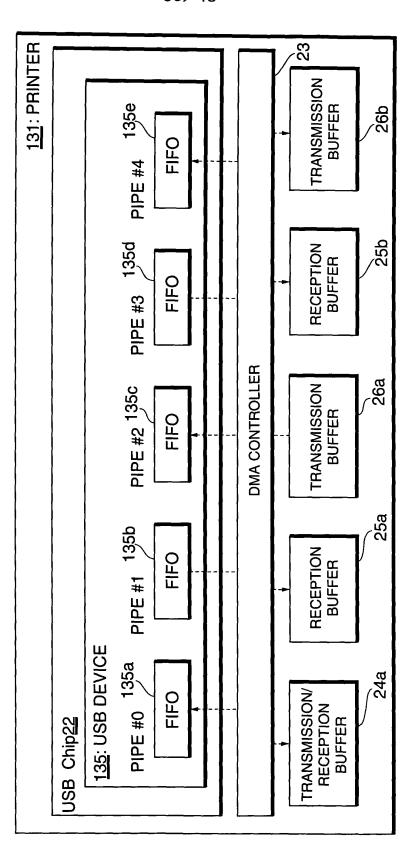


Fig. 31

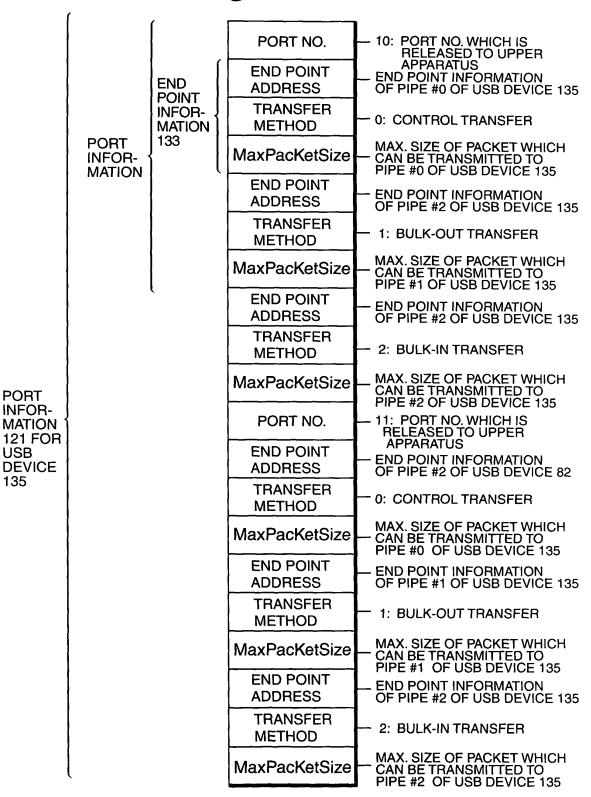
Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570

Atty. Docket No.: 9976-19US (OB0045US)

31/48

Fig.32

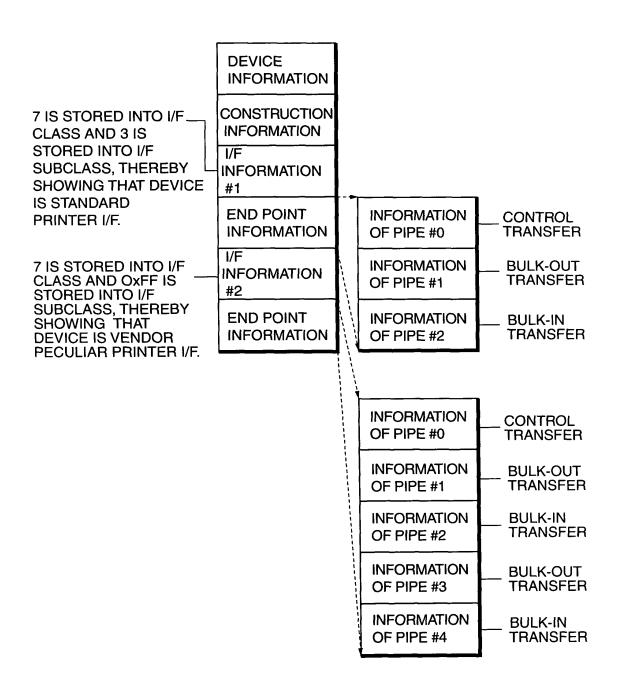


Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570

32/48

Fig.33

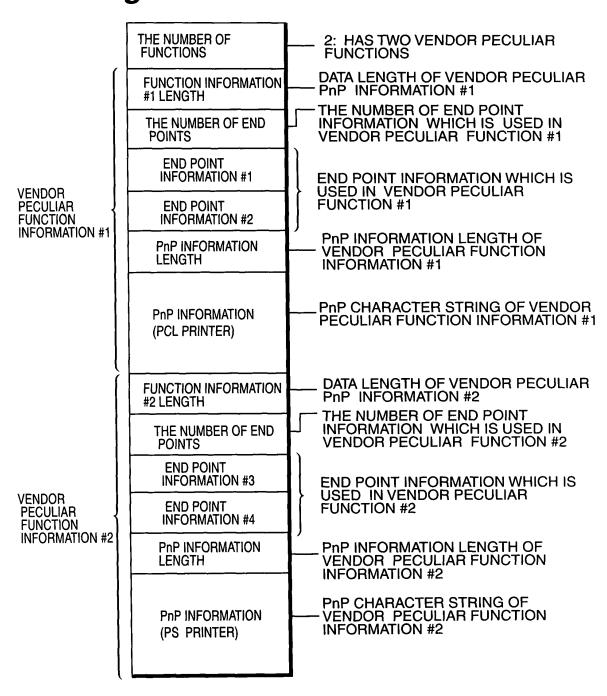


33/48

Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

Fig.34



Title: Image Forming System and Image Forming Apparatus Inventor: Yukihiro SAIDA Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

34/48

Fig.35

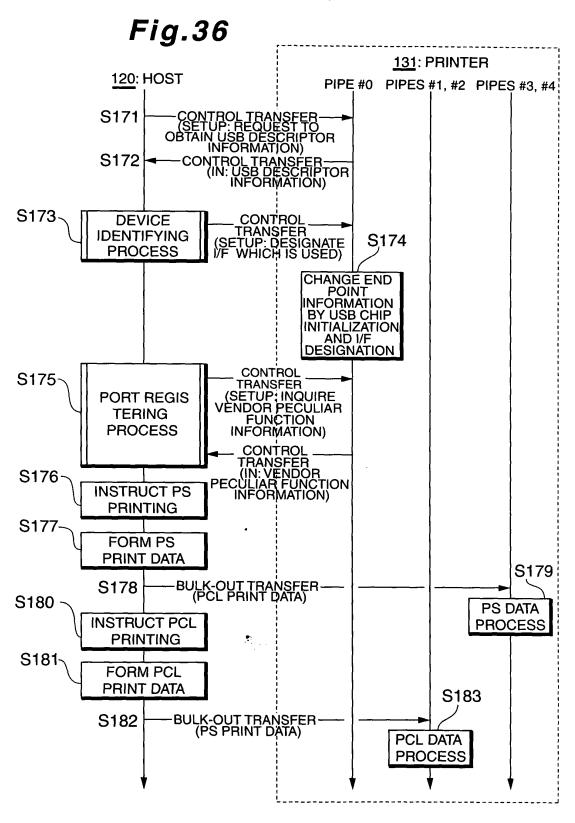
			_	
IN	END POINT INFORMATION 133	PIPE INFORMATION	INFORMATION OF PIPE #0 OF USB DEVICE 135 MAX. SIZE OF PACKET WHICH CAN	
		MaxPacKetSize	BE TRANSMITTED/RECEIVED BY PIPE #0 OF USB DEVICE 135 RECEIVING FUNCTION FOR SETUP	
		Call Back Function	PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #0 OF USB DEVICE 135	
		PIPE INFORMATION	— INFORMATION OF PIPE #1 OF USB DEVICE 135	
		MaxPacKetSize	MAX. SIZE OF PACKET WHICH CAN BE RECEIVED BY PIPE #1 OF USB DEVICE 135	
		Call Back Function	RECEIVING FUNCTION FOR PCL DATA PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #1 OF USB DEVICE 135	
		PIPE INFORMATION	INFORMATION OF PIPE #2 OF USB DEVICE 135 MAX. SIZE OF PACKET WHICH CAN BE TRANSMITTED BY PIPE #2 OF USB DEVICE 135 TRANSMITTING FUNCTION FOR	
		MaxPacKetSize		
		Call Back Function	PCL DATA PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #2 OF USB DEVICE 135	
		PIPE INFORMATION	INFORMATION OF PIPE #3 OF USB DEVICE 135	
		MaxPacKetSize	MAX. SIZE OF PACKET WHICH CAN BE RECEIVED BY PIPE #3 OF USB DEVICE 135	
		Call Back Function	RECEIVING FUNCTION FOR PS DATA PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #3 OF USB DEVICE 135	
		PIPE INFORMATION	INFORMATION OF PIPE #4 OF USB DEVICE 135 MAX. SIZE OF PACKET WHICH CAN BE	
		MaxPacKetSize	TRANSMITTED BY PIPE #4 OF USB DEVICE 135 TRANSMITTING FUNCTION FOR PS	
		Call Back Function	DATA PROCESS WHICH IS CALLED WHEN THERE IS DATA COMMUNICATION WITH PIPE #4 OF USB DEVICE 135	
	`	\		

PORT INFORMATION 121 FOR USB DEVICE 135

Inventor: Yukihiro SAIDA

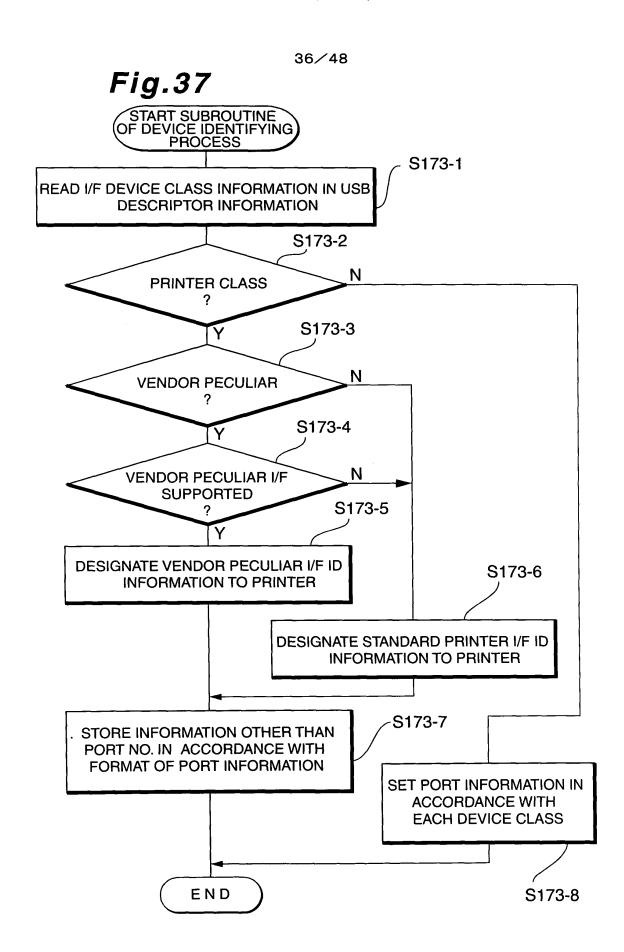
Express Mail No.: EV 247366282 Customer No.: 570

35/48



Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570

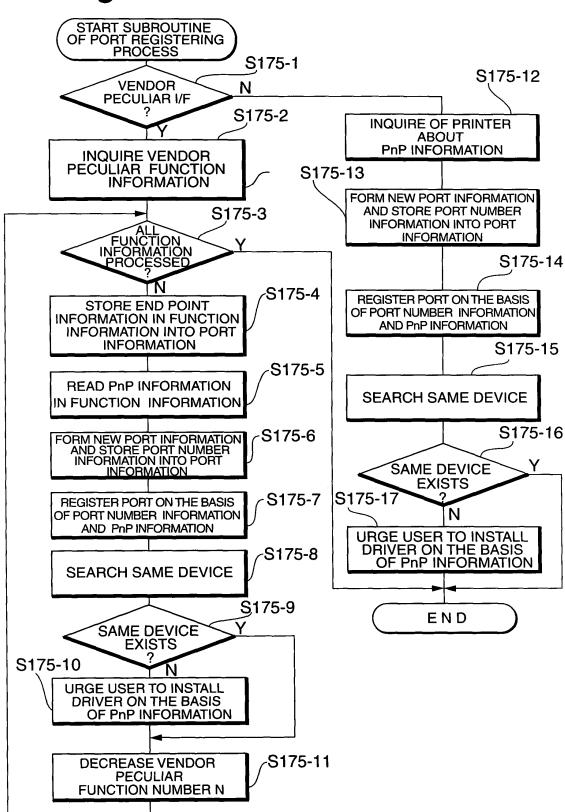


Express Mail No.: EV 247366282 Customer No.: 570

Atty. Docket No.: 9976-19US (OB0045US)

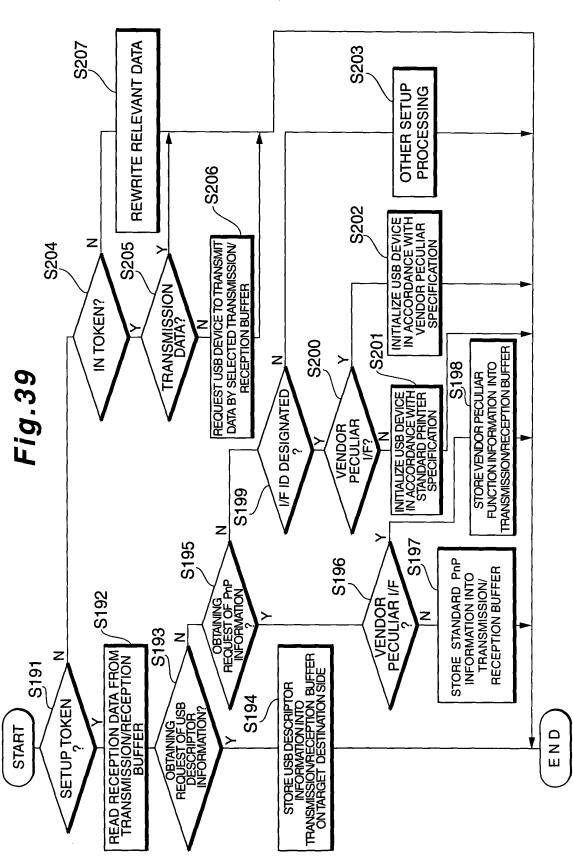






Express Mail No.: EV 247366282 Customer No.: 570 Attv. Docket No.: 9976-19US (OB0045US)

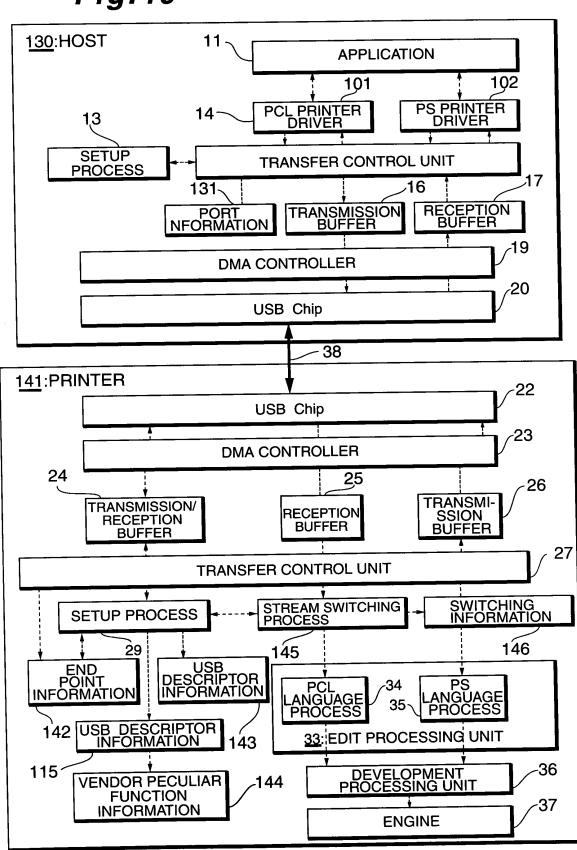




Title: Image Forming System and Image Forming Apparatus Inventor: Yukihiro SAIDA Express Mail No.: EV 247366282 Customer No.: 570

Attv. Docket No.: 9976-19US (OB0045US)

39/48 Fig.40



Title: Image Forming System and Image Forming Apparatus Inventor: Yukihiro SAIDA Express Mail No.: EV 247366282 Customer No.: 570 Attv. Docket No.: 9976-19US (OB0045US)

40/48

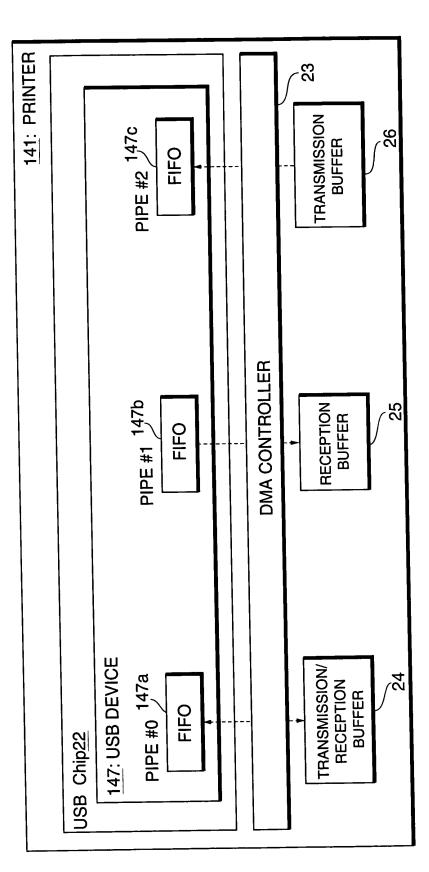
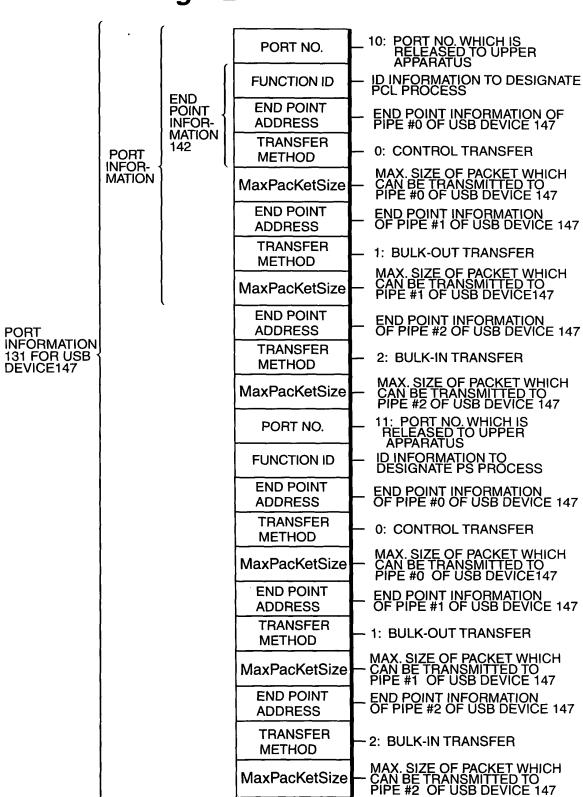


Fig.41

Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

Fig.42



Title: Image Forming System and Image Forming Apparatus

Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570

Atty. Docket No.: 9976-19US (OB0045US)

42/48

Fig.43

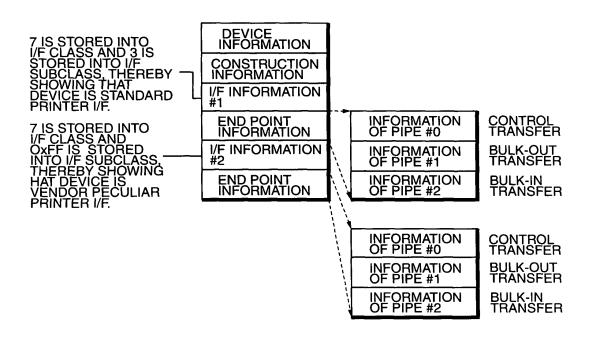
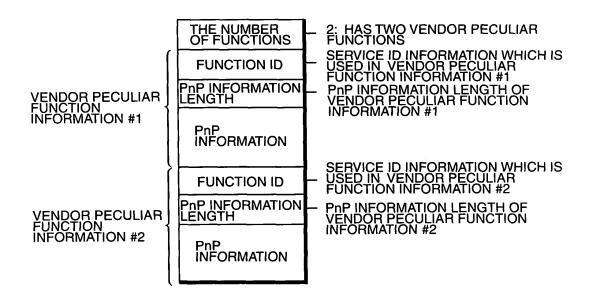


Fig.44



Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

43/48

Fig.45

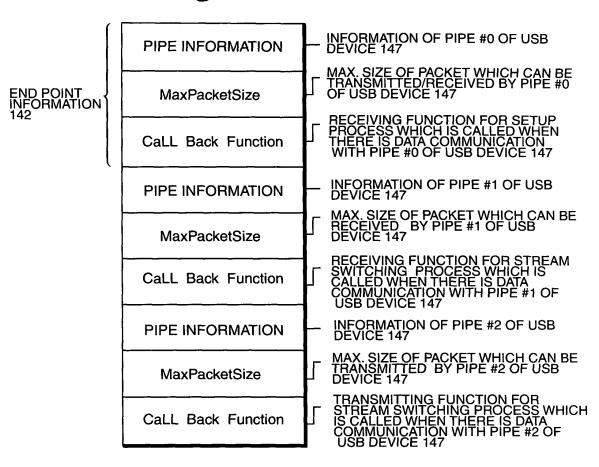
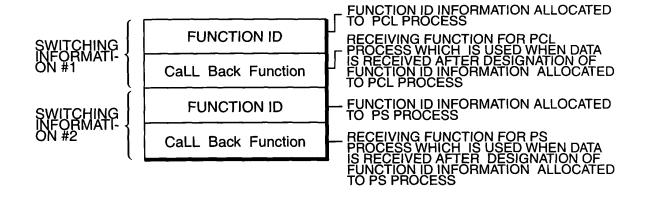


Fig.46

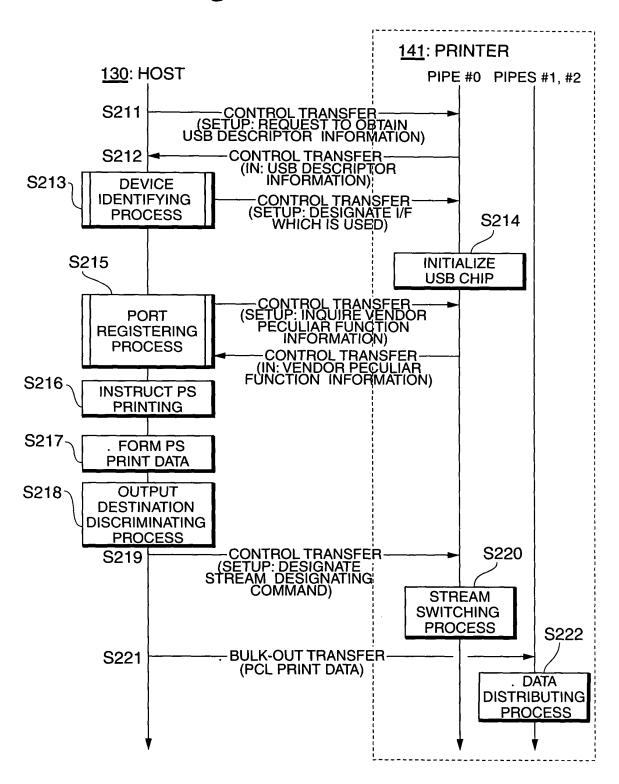


Express Mail No.: EV 247366282 Customer No.: 570

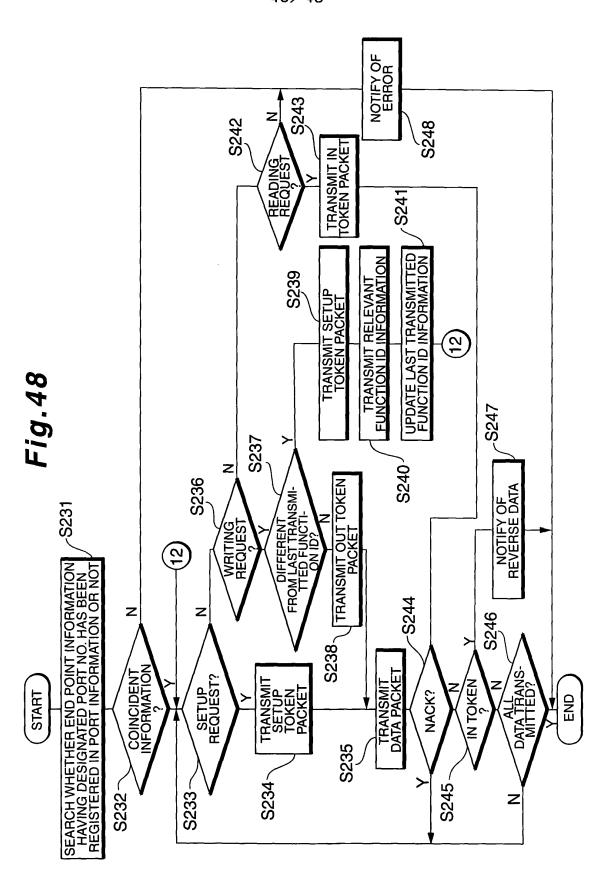
Atty. Docket No.: 9976-19US (OB0045US)

44/48

Fig.47



Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

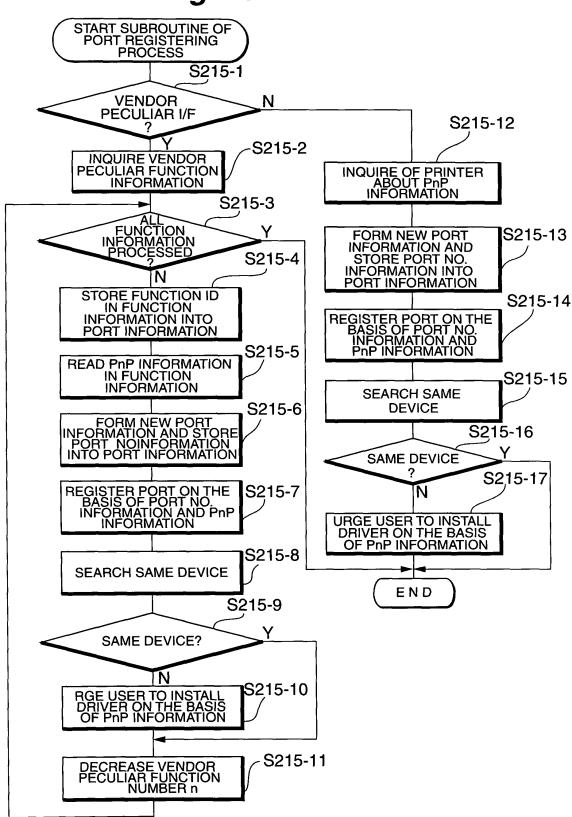


Title: Image Forming System and Image Forming Apparatus

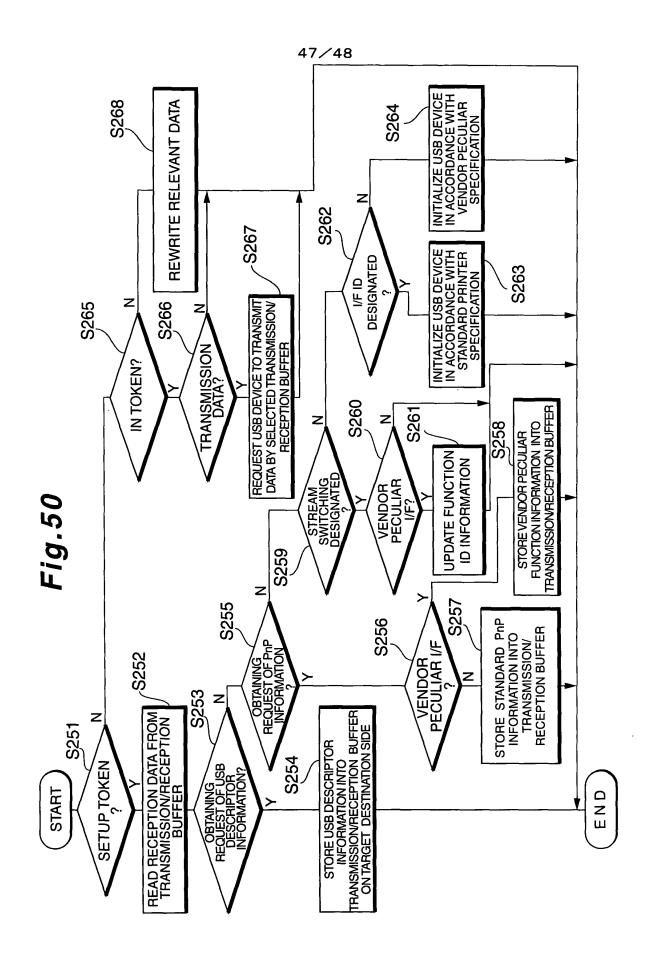
Inventor: Yukihiro SAIDA

Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

Fig.49



Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)



Express Mail No.: EV 247366282 Customer No.: 570 Atty. Docket No.: 9976-19US (OB0045US)

Fig.51

